

ABSTRACT

The invention relates to a coordinate detecting method for a touch panel. Firstly, a plurality of X-axis and Y-axis I/O ports are converted to a plurality of X-axis and Y-axis scanning wires respectively by orthogonal method. Polling signals are transmitted to X-axis I/O ports, and are transmitted to the X-axis scanning wires. According to the polling signals, a plurality of X-axis detection signals are stored. A largest X-axis detection signal and a second largest X-axis detection signal are determined by compared method so as to calculate a X coordinate position of the sensor pen touching the touch panel. The steps are repeated to calculate the Y coordinate position of the sensor pen touching on the touch panel. According to the coordinate detecting method of the invention, the number of the I/O ports can be reduced, and the resolution of the touch panel can be improved. For the calculation method, the invention utilizes simple compared method to obtain the largest detection signal and the second largest detection signal so as to calculate the coordinate position of the sensor pen touching on the touch panel. Therefore, the coordinate detecting method of the invention is very simple and rapid.